

# JALHYDRO ESD

## JYJY484

63%\*

S3S CI FO SR  
EN ISO 20345:2012  
35 to 48



# J-ENERGY



Link-ESD



ASSEMBLÉ EN FRANCE

- Recycled microfiber upper
- J-ENERGY Biomass Balance sole with Infinergy® of BASF
- ESD / Dissipative
- Aluminum safety toe cap type B and midsole no metallic S

- Urban sport-style safety shoe incorporating **anti-fatigue technology**. Black color. \*63% bio-sourced or recycled materials (Calculation according to EN ISO 14021 which is based on the total weight of the shoe).
- Safety shoe protecting the electronic devices against electrostatic discharge phenomena. Electrostatic dissipative shoes **ESD** Environmental Class II tested according to **EN 61340-4-3/4-5/5-1**.
- Upper in **recycled microfibre (40% recycled polyamide)**. TPU insert at the heel for good holding and enhanced alignment of the foot in the shoe.
- Upper lined in breathable **3D Surf mesh (66% recycled polyester)** with honeycomb structure to improve the peripheral ventilation of the foot, dries out rapidly.
- Padded tongue for good instep protection, combined with two side bellows to prevent any dirt from getting into the shoe.
- Padded ergonomic collar in compact flexible foam, lined for extra comfort and better ankle and Achilles tendon protection.
- Lace up on 4 pairs of non metallics eyelets, 1 lace-loop and 2 pairs of **Quick LIO** (Quick Lace In Out).  
2 Flat laces : 160 cm, black and green. Tabs on the tongue for easy pull-on.
- Soft** footbed made of Biomass Balance **BASF® Dynamic PU** cushions pressure points, improves weight distribution and absorbs heel impact. Anatomically shaped, perforated and equipped with the innovative **Link ESD™** multi-contact static dissipation system.
- This is a **DGUV 112-191** certified model, with the option of swapping the hygienic insole provided for a **SECOSOL®** orthopaedic insole.
- PREM-Alu B** tip in aluminium resisting an impact of an energy of 200 joules. Minimum height after test  $\geq 4$ mm in relation to the Type A toe cap in accordance with Standard **22568-1:2019**.
- The **FleXtane™ By Jallatte S-type** (50% recycled polyester) mounting insole **by Jallatte** is puncture-resistant to sharp objects up to **3mm in diameter (Small)** in compliance with standard **22568-4:2021**, antistatic, **100% composite**, sewn directly onto the upper and **covers 100% of the foot** for all-round protection.
- Heel stiffener to reinforce the heel seat.
- Innovative J-Energy** sole in **PU / PU of BASF® BMB | Biomass Balance Certified EU-REDcert<sup>2</sup>** (Expanded Thermoplastic PolyUrethane) and **E-TPU Expanded Thermoplastic PolyUréthane, Infinergy® of BASF®** insert, with a remarkable capacity to reproduce more than **55%** of the energy accumulated while walking in order to reduce fatigue and to prevent RSIs to the legs.



### Slip resistance tests results EN Standard ISO 20345:2022

Test ground : Ceramic / NaLS (Sodium lauryl sulfate)

A- Heel to the front **0,66** ( $\geq 0,31$ )

B- Front to back **0,49** ( $\geq 0,36$ )

Additional requirement SR : Ceramic /Glycerin

C - Heel to the front **0,29** ( $\geq 0,19$ )

D- Front to back **0,24** ( $\geq 0,22$ )



**BMB**  
**EU-**  
**REDcert<sup>2</sup>**

- 100% substitution of fossil resources with **renewable and sustainable** raw materials.
- Independently certified approach.
- Reduction of greenhouse gas emissions.
- Same properties and quality level as traditional safety shoes.

Weight	Gross weight (42) : 1477 g / Net weight (42) : 1244 g			
Size	35 to 39	40 to 42	43 to 45	46 to 48
Packaging	5 pairs		10 pairs	
Box shoes (mm)	335 x 210 x 130		335 x 245 x 130	365 x 260 x 133
Cartons (mm)	680 x 234 x 356	685 x 440 x 356	680 x 514 x 356	695 x 276 x 385



www.jallatte.com